

ABSTRACT OF THE INVENTION

Methods are described for removing contaminants from aqueous industrial wastewater process streams, specifically industrial laundries to yield a less contaminated aqueous effluent for discharge to a sewer and reduce the sludge generated therefrom. A premixed medium/high molecular weight and medium/high charged cationic coagulant solution polymer and an inorganic aluminum species is injected into the wastewater, and after at least a two second delay, a high molecular weight highly charged anionic flocculent polymer solution is injected into the wastewater which reduces sludge generation, while maintaining or exceeding effluent quality. Also, no coagulant, flocculent or sludge aids are needed to attain the results and the sludge can be dewatered in a plate and frame press.

DRAWING

Enclosed on a Separate Sheet.

SEQUENCE LISTING

Not Applicable.